

FUNCTION 250: SPACE, SCIENCE AND TECHNOLOGY

This function includes the National Aeronautics and Space Administration (NASA) civilian space program and basic research programs of the National Science Foundation (NSF) and Department of Energy (DOE).

	(\$ Billions)						
	1999 Actuals	2000	2001	2002	2003	2004	2005
President's Budget:							
Budget authority	18.9	19.3	20.8	21.2	21.5	22.1	22.5
Outlays	18.1	18.9	19.6	20.5	21.2	21.6	22.2
OMB Baseline:							
Budget authority	---	19.3	19.7	20.4	20.8	21.1	21.5
Outlays	---	18.9	19.4	19.8	20.1	20.7	21.1
Budget compared to OMB Baseline:							
Budget authority	---	---	1.1	0.9	0.7	1.0	1.0
Outlays	---	---	0.3	0.8	1.1	1.0	1.0

The 2001 budget requests for Function 250 provides a total of \$20.8 billion in budget authority and \$19.6 billion in outlays for space, aeronautical research, and basic scientific research. This request rises slightly over the next five years to \$22.5 billion in budget authority by 2005.

NASA

- < The President's budget proposes \$13.1 billion for the **National Aeronautics and Space Administration (NASA)** within Function 250, an increase of \$530 million above 2000. This increase represents a 4.2 percent increase for the agency within Function 250. The President's budget also provides annual increases for NASA through 2005, with spending increasing to \$14.6 billion.
- < Total funding for NASA, combining Function 250 and Function 400 totals, would be \$14.0 billion in 2001.
- < **Human Space Flight** increases slightly by \$32 million in 2001. Total funding within this Subfunction for 2001 is \$5.5 billion. The International Space Station and Space Shuttle operations are included within this account.
- < **International Space Station (ISS):** Spending decreases for the ISS by \$209 million in 2001 to \$2.1 billion. Vehicle costs decrease by \$448 million, while operations

increase \$63 million, research increases \$61 million, and Russian program assurance increases \$100 million in 2001.

- < **Space Flight Operations (Space Shuttle):** Funds for the Space Shuttle increase \$186 million in 2001 to \$3.2 billion. This represents an increase of 6.3 percent over last year.
- < **NASA science, aeronautics and technology activities** are funded at \$5.4 billion in 2000, an increase of \$434 million from 2000. Included in this account are the areas of Space Science, Earth Science, and Aero-Space Technology.
 - < **Space Science** increases from \$2.2 billion to \$2.4 billion in 2001, an increase of \$206 million. Included in this portion of NASA's budget are increases for the Mars Surveyor Program, \$78 million, and an increase of \$124 million for supporting research and technology within the Space Science account.
 - < **Earth Science** decreases \$38 million in 2001. Included in Earth Science is a decrease of \$175 million for programs associated with the Earth Observing System, and a research and technology program within Earth Science funded at \$533 million.
- < **Aero-Space Technology** is decreased by \$68 million in 2001. Within this account are funds for the research and technology base, and for programs focused on specific projects.
 - < The overall funding for the **research and technology base** decreases by \$42 million, to a total of \$539 million in 2001.
 - < **Information Technology (IT)** funding increases \$38 million, a 48 percent increase.
 - < Overall funding for individually **focused programs** increases to \$507.4 million, an increase of \$104 million.
 - < New funds are allocated to a second generation **Reusable Launch Vehicle (RLV)**. This new funding totals \$235 million for 2001.
- < **Mission support activities** will receive an increase of \$82 million. The total funding for mission support for 2001 is \$2.2 billion.

National Science Foundation

- < The President's budget proposes to fund the **National Science Foundation (NSF)** at \$4.5 billion, an increase of \$700 million from the 2000 level. This represents a 17 percent increase for NSF. After this large increase in funding for NSF, spending levels off at \$4.8 billion in 2005.

- < The President's request would increase **NSF research and related activities** to \$ 3.5 billion, an increase of \$583 million from last year.
- < The budget request increases **NSF major research equipment** by \$ 46 million from its 2000 level of \$93 million. The 2001 total is \$139 million and represents a 49 percent increase over 2000 funding level.

Department of Energy

- < The 2001 budget request funds **Department of Energy (DOE) general science programs** at \$3.2 billion, a \$363 million increase from 2000. This represents a one-time 13 percent increase within DOE general science programs. After 2001, funding in this account remains level with only slight changes through 2005.

